

## PQW30A-S 30 GHz Short-Wavelength Photodetector



PQW30A-S is a short-wavelength, high speed microwave photodiode module designed for direct optical-to-electrical conversion of RF-modulated optical signals and provides a minimum bandwidth of 25 GHz. The optical input is supplied through a multi-mode 50/125 um fiber pigtail. The RF output of the device is provided through a K-connector.

The photodiode inside this module is a high performance Albis GaAs p-i-n photodiode, designed to operate in the wavelength region from 800 to 870 nm.

### Features

- Hermetically sealed high speed package
- Minimum bandwidth: 25 GHz
- High responsivity: 0.5 A/W
- Low operating bias: 2.5 V
- Multi-mode fiber pigtail